

IN THE CLAIMS:

Please add new claim 17 as follows:

1. (Original) An optical scanning apparatus having:

a light modulating element capable of changing the propagating state of light;

an illuminating optical system for illuminating said light modulating element with light; and

a scanning optical system for scanning the light from said light modulating element;

said scanning optical system having a light deflector for selectively deflecting a beam of the light from said light modulating element which propagates in a predetermined direction.

2. (Original) An optical scanning apparatus according to claim 1, wherein said light modulating element is an element for changing the propagating state of light chiefly by diffraction, deflection or scattering, has the function of forming a light diffracted, deflected or scattered or forming a light not diffracted, deflected or scattered, in conformity with an input signal, comprises, for example, an electromechanical element or a liquid crystal element, and forms a light diffracted, deflected or scattered in conformity with an ON signal and forms a light not diffracted, deflected or scattered in conformity with an OFF signal.

3. (Original) An optical scanning apparatus according to claim 1 or 2, wherein

said scanning optical system has a projection optical system for projecting said beam from said light deflector.

4. (Original) A projecting apparatus having:

a light modulating element for modulating light chiefly by diffraction, deflection or scattering;

an illuminating optical system for illuminating said light modulating element with light; and

a scanning optical system for scanning the light from said light modulating element; said scanning optical system having a deflecting mirror for selectively deflecting a beam of the light from said light modulating element which has been subjected to said modulation, and a projection optical system for projecting said beam from said deflecting mirror.

5. (Original) A projecting apparatus according to claim 4, wherein said deflecting mirror has a light passing area and a light reflecting area, only the beam substantially subjected to said modulation is reflected by said light reflecting area, and only a beam substantially not subjected to said modulation passes through said light passing area.

6. (Original) A projecting apparatus according to claim 5, wherein said light modulating element is an element which reflects said light, and said light of said illuminating optical system passes through said light passing area of said deflecting mirror and enters said

reflection type light modulating element.

7. (Original) A projecting apparatus according to claim 6, wherein said illuminating optical system has a lens system of which said light modulating element side opposed to said light modulating element is telecentric, and the light from said reflection type light modulating element propagates to the position of said deflecting mirror through said telecentric lens system.

8. (Original) A projecting apparatus according to any one of claims 5 to 7, wherein said light modulating element has an elongate light modulating area in which a plurality of light modulating portions corresponding to pixels are arranged in a certain direction, and said illuminating optical system has one or more anamorphic optical elements for illuminating said light modulating element with a light elongate in the direction of arrangement of said plurality of light modulating portions.

9. (Original) A projecting apparatus according to claim 8, wherein said scanning optical system scans the beam from said light modulating element only in a direction orthogonal to the lengthwise direction of said light modulating area.

10. (Original) A projecting apparatus according to claim 9, wherein said light modulating element has a light modulating area in which a plurality of light modulating portions are arranged also in the direction orthogonal to said lengthwise direction.

11. (Original) A projecting apparatus according to claim 8, wherein said scanning optical system scans the light from said light modulating element in the lengthwise direction of said light modulating area and a direction orthogonal to said lengthwise direction.

12. (Original) An optical scanning apparatus according to claim 1, wherein said light modulating element has the function of forming a light diffracted, deflected or scattered or forming a light not diffracted, deflected or scattered, in conformity with an input signal, comprises, for example, an electro-mechanical element or a liquid crystal element, and forms a light diffracted, deflected or scattered in conformity with an ON signal and form a light not diffracted, deflected or scattered in conformity with an OFF signal.

13. (Original) A projecting apparatus according to any one of claims 4 to 7, wherein said light modulating element modulates light in conformity with an image signal, and a two-dimensional image is formed by the beam projected by said projection optical system.

14. (Original) A projecting apparatus according to claim 8, wherein said light modulating element modulates light in conformity with an image signal, and a two-dimensional image is formed by the beam projected by said projection optical system.

15. (Original) A projecting apparatus according to claim 14, wherein said scanning optical system scans the beam from said light modulating element only in a direction orthogonal to the lengthwise direction of said light modulating area.

16. (Original) A projecting apparatus according to claim 15, wherein said light modulating element has a light modulating area in which a plurality of light modulating portions are arranged also in the direction orthogonal to said lengthwise direction.

17. (New) A projection apparatus according to claim 1, further comprising a plurality of light sources and a prism for guiding color lights from the plurality of light sources respectively to said illuminating optical system.